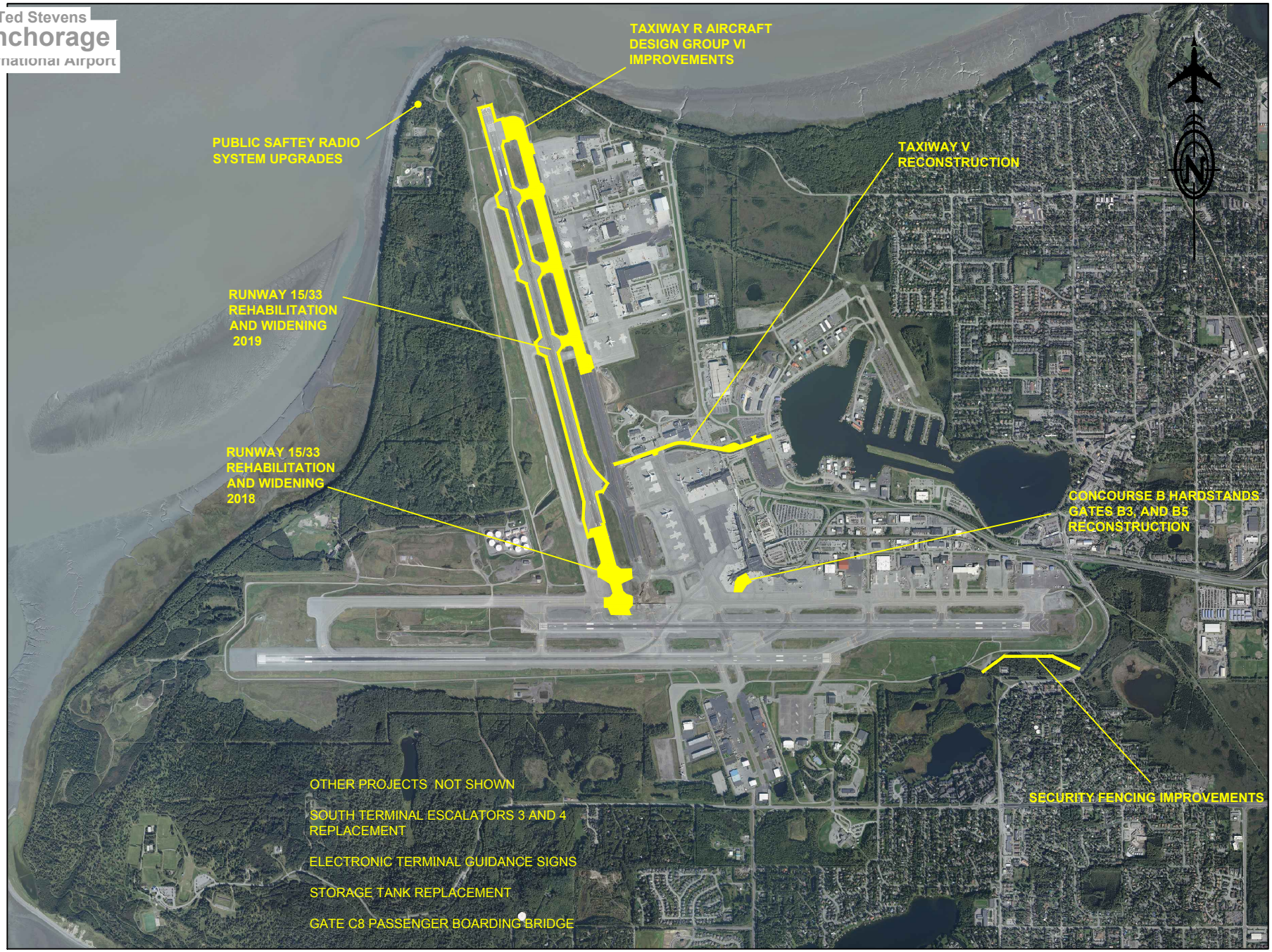
Ted Stevens Anchorage International Airport



2018 PROPOSED AIRPORT CONSTRUCTION PROJECTS*

*DRAFT CONSTRUCTION SCHEDULE - SUBJECT TO CHANGE

SIGNIFICANT 2018 ANC CONSTRUCTION PROJECTS

Runway 15/33 Rehabilitation

Project Description

Rehabilitate and widen Runway (RWY) 15/33 to accommodate Aircraft Design Group (ADG) VI. Relocate the southern displaced threshold of RWY 33 north approximately 200 feet to separate RWY 15/33 and RWY 7L/25R safety areas and relocate the threshold of RWY 15 north approximately 100 feet. Taxiway (TWY) R will be extended north and TWY Q will be reconfigured to allow access to the end of RWY 15. The existing displaced threshold will be removed. The 2018 summer construction season will rehabilitate the southern 2150 feet. The balance will be rehabilitated in 2019

Benefits

Runway 15/33 is showing signs of advanced structural failure. There is alligator cracking occurring along sections of the runway. During reconstruction the runway structural section will be widened from 150 feet to 200 feet and strengthened which will allow for the newer ADG VI aircraft to utilize the runway. LED runway lights will be installed to reduce operational and maintenance costs.

Gates B3 & B5 Apron Reconstruction

Project Description

Reconstruct concrete aprons at Gates B3 and B5. The fuel pits will be replaced in-kind. The storm drain system will be modified to improve drainage.

Benefits

Replacing the concrete aprons allows for the continued use of the hardstands.

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"AeroNexus"

Taxiway R Group VI Improvements

Project Description

Reconstruct Taxiway (TWY) R for Airplane Design Group (ADG) VI and Taxiway Design Group (TDG) 7. Improvements include: a new taxiway structural section; reconfiguration taxiway to meet current FAA AC's; new LED lighting, marking and signs; utility adjustments; and storm drain repairs as needed.

Widen the TWY R Taxiway Safety Area (TSA) to meet the design standards for ADG VI aircraft. The existing paved TSA will be widened 24' on each side to the required width of 262'. The structural section will also be widened at certain TWY intersections, to meet the new intersection geometry standards for TDG 7 aircraft. Storm drain culverts and drainage ditches adjacent to the TWY will be offset to accommodate the TSA widening. Elevated TWY edge lighting will be relocated and replaced to match the relocated TWY edge lines.

Benefits

Addressing TWY R ADG VI/TDG 7 deficiencies will allow ADG VI/TDG 7 aircraft to access the north end of the Runway 15/33 which is being modified to meet ADG VI standards. LED runway lights will reduce operational and maintenance costs.

LHD Taxiway V Reconstruction

Project Description

Reconstruct Taxiway (TWY) V for Airplane Design Group (ADG) I and Taxiway Design Group (TDG) 2. Improvements include: upgrading the TWY structural section; replacing and upgrading TWY lighting, markings and signs; repairing/replacing storm drainage; and adjusting conflicting utilities as needed.

Benefits

TWY V is the only TWY connecting ANC to LHD. The 20+ year old pavement contains extensive cracking and rutting. This project will allow for the continued movement of aircraft between ANC and Lake Hood.

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Public Safety Radio System Upgrades

Project Description

Design and install a public safety radio repeater tower near Point Woronzof, just west of the north end of Runway 15/33, to connect Anchorage Wide Area Radio Network (AWARN) & Alaska Land Mobile Radio (ALMR) public safety bands allowing radio transmission and reception between Point Woronzof and Point Campbell coastal and inlet area, currently an area with poor radio coverage.

Benefits

The proposed radio tower will provide public safety radio coverage for the coastline and inlet between Point Campbell and Point Woronzof; currently a radio dead-zone. This project will provide the infrastructure (the tower) to support a future 911 cell site covering the coastline and inlet, and equipment for future upgrade of the airport's existing analog radio system to a digital system.

South Terminal Escalators 3 and 4 Replacement

Project Description

Replaces two existing escalators serving the ticket lobby in the South Terminal. The existing escalators no longer meet code requirements, pose safety concerns, have reached the end of their service life and have increasing unavailability of replacement parts. Ancillary work includes structural and architectural modifications.

Benefits

This project will allow for continued use of the escalators. New escalators will provide better safety, will be more energy efficient, and require less maintenance.

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LESS SIGNIFICANT 2018 ANC CONSTRUCTION PROJECTS

Security Fencing Improvements

Project Description

Construct approximately 2,400 feet of new security fencing on the south side of the south tug road. Project includes clearing of approximately 1.5 acres of vegetation.

Benefits

By relocating this section of fence closer to the south tug road provides airport personal ability the ability to perform security fence checks without leaving paved surface.

ANC Electronic Terminal Guidance Signs

Project Description

Remove four existing terminal guidance signs along International Airport Road and replace with two electronic terminal guidance signs.

Benefits

Updating the terminal guidance signs will allow for real time editing and the ability to provide other informational notifications to the traveling public.

Underground Storage Tank (UST) Replacement for Generators at NT, ST & ARFF Building

Project Description

Replace the Underground Storage Tanks (USTs) for emergency generators at the North Terminal, South Terminal and the Airport Fire and Police building that were all installed in 1998 and are near the end of their life span. The USTs will be replaced with aboveground Storage Tanks (AGTs).

Benefits

Replacement of USTs will allow continued use of emergency generators while reducing the potential of fuel leaks from aging USTs and increasing the simplicity of identifying, containing and addressing storage tank fuel leaks if they occur.

ANC Gate C8 Passenger Boarding Bridge

Project Description

Supply and install a new passenger boarding bridge at Gate C8, including rotunda, electrical connections (400hz and 60 hertz) and connection to existing rotunda foundation.

Benefits

The C8 passenger boarding bridge will enable enplaning and deplaning passengers from the C8 gate lounge instead of using gate stairs and ground loading and unloading. This is a significant improvement for passengers with mobility impairments and small children and a benefit to all passengers and crew members, particularly in inclement weather.